

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION

101 CENTRE PLAZA DRIVE  
MONTEREY PARK, CA 91754-2156  
(213) 266-7500  
FAX: (213) 266-7600



July 30, 1996

Mr. Robert G. Cormack  
Delta Industries  
8137 Allport Avenue  
Santa Fe Springs, CA 90670

FINAL SITE CLOSURE - DELTA INDUSTRIES - 8137 ALLPORT AVENUE, SANTA FE SPRINGS  
(FILE NO.100.315)

This is to inform you that we have reviewed the investigation report, prepared by Emcon Associates for the subject site. This additional investigation was conducted under the oversight of the Board staff. The report indicates that a small quantity of soil, contaminated with low concentrations of the compounds PCE and TCE remain in the soil, mostly in the upper 10 feet of soil. The depth of groundwater is at 60 feet below the ground surface.

Based upon this data, our review of the case file for the subject site, and past work completed, we have determined that the contamination at the site does not pose a threat to groundwater and we have determined that no further action is required for the soil at the above referenced site.

If you have any question, please contact Manjulika Chakrabarti at (213) 266-7610.

A handwritten signature in cursive script, appearing to read "J.E. Ross", is positioned above the typed name and title.

J.E. Ross, Unit Chief  
Site Cleanup Unit



## Delta Industries

8137 ALLPORT AVE. • SANTA FE SPRINGS • CALIFORNIA 90670

(213) 945-1067

(360)

July 13, 1990

Ms. Irma Salinas  
California Regional Water Quality Control  
101 Centre Plaza Drive  
Monterey Park, CA 91754

Dear Ms. Salinas:

As per our conversation earlier this week, we have contacted "Emcon Associates" to conduct further testing and to advise you as to the depths of ground water.

We have scheduled Emcon to be here July 24th at 9:00 a.m. to take the soil samples as per your request.

Please advise as soon as possible if this date is not convenient for you.

Thank you.

Sincerely,

DELTA INDUSTRIES

Robert G. Cormack called. will call back  
today to confirm status of the  
site. 7/29/90

MC

50 JUL 16 PM 2:15  
103455155-1067



## ***Delta Industries***

8137 ALLPORT AVE. • SANTA FE SPRINGS • CALIFORNIA 90670  
(213) 945-1067

90 JUN 29 PM 1:55

QUALITY CONTROL LOG  
LOS ANGELES REGION

June 27, 1990

Ms. Irma Salinas  
California Regional Water Quality Control  
101 Centre Plaza Drive  
Monterey Park, CA 91754

Dear Ms. Salinas:

As per our conversation earlier this week, we have contacted "Emcon Associates" to conduct further testing and to advise you as to the depths of ground water.

Due to heavy equipment that we must load in the immediate area, Emcon's testing will be delayed for a little over one week.

We will advise you of their begining date.

Sincerely,

Robert Cormack  
Delta Industries

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—  
LOS ANGELES REGION**

101 CENTRE PLAZA DRIVE  
MONTEREY PARK, CALIFORNIA 91754-2156  
(213) 266-7500



June 15, 1990

Mr. Robert G. Cormack  
Delta Industries  
8137 Allport Avenue  
Santa Fe Springs, CA 90670

**SITE INVESTIGATION - DELTA INDUSTRIES  
(FILE NO. 100.315)**

On May 3, 1990, staff inspected the Delta Industries facility and found a concrete slab with a french drain leading to the curb. It was reported that a sump had once existed at this location. Upon review of laboratory results, submitted by Emcon Associates, we have determined that there is organic contaminated soil at the subject property.

Thus, Delta Industries is directed to do a full site assessment of the area in question and determine the lateral and vertical extent of contamination in the soil. Also, we will require that the depth to ground water be specified. This report is due August 25, 1990.

If you have any questions, please call Ms. Irma Salinas at (213) 266-7610.

  
J.E. ROSS  
Hazardous Waste  
Unit Chief

c: Ms. Beverly Miguez, County of Los Angeles, Department of Health Services

*Dec. Sub 10/18/90.*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—  
LOS ANGELES REGION101 CENTRE PLAZA DRIVE  
MONTEREY PARK, CALIFORNIA 91754-2156  
(213) 266-7500

April 6, 1990

Mr. Robert Cormace  
Delta Industries  
8137 Aeport  
Santa Fe Springs, CA 90670SITE SUBJECT TO TPCA PENDING SITE INVESTIGATION-DELTA INDUSTRIES  
(FILE NO. 100.315)

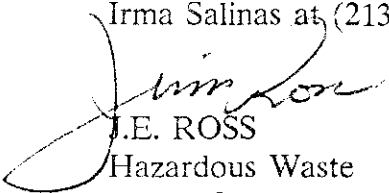
On January 12, 1990, we received a referral from the County Department of Health Services from an inspection conducted June 15, 1989. This investigation revealed soil contamination at the bottom of a pit.

A Regional Water Quality Control Board staff person will be conducting a site assessment inspection at the above site location. This inspection will be to determine if this facility is subject to the Toxic Pits Cleanup Act.

The Regional Board staff person may observe your process operations, inspect monitoring facilities and methods, collect samples, and may examine appropriate records.

In order to facilitate easy access to the plant site, please provide the name of the responsible facility official that can be contacted upon arrival at the plant. Additionally, we would appreciate receiving a list of the safety equipment you would recommend that our representatives have in their possession in order to safely enter and conduct their inspection. Please provide the information within 14 days of receipt of this letter.

If you have any questions relating to anything concerning this inspection, please call Ms. Irma Salinas at (213) 266-7610.



J.E. ROSS  
Hazardous Waste  
Unit Chief

cc: Mr. Jim Parsons, State Water Resources Control Board  
Division of Water Quality  
Ms. Beverly Migues, County of Los Angeles, Department of Health Services



**Delta Industries**

8137 ALLPORT AVE. • SANTA FE SPRINGS • CALIFORNIA 90670  
(213) 945-1067

90 APR 12 PM 3:27

CALIFORNIA REGIONAL  
QUALITY CONTROL BOARD  
LOS ANGELES REGION

April 11, 1990

California Regional Water Quality Control Board  
101 Centre Plaza Drive  
Monterey Park, CA 91754-2156

Attention: Mr. Jim Ross

Dear Mr. Ross:

The information that you received from the County Department of Health Services was in error.

Beverly Miguez did in fact make charges and accusations without reason or foundation. She would not listen to our explanation and in fact, cost us a few thousand dollars to prove that we were not guilty of contaminating.

Please see attached.

Ms. Miguez was sent a complete 13 page report of the testing performed by Emcon Associates.

Ms. Miguez should have advised you of her error.

Sincerely,

DELTA INDUSTRIES

Robert G. Cormack  
General Manager

RGC:cmg

Enclosures

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**  
**LOS ANGELES REGION**

101 CENTRE PLAZA DRIVE  
MONTEREY PARK, CALIFORNIA 91754-2156  
(213) 266-7500

RECEIVED APR 10 1990



April 6, 1990

Mr. Robert Cormace  
Delta Industries  
8137 Aeport  
Santa Fe Springs, CA 90670

**SITE SUBJECT TO TPCA PENDING SITE INVESTIGATION-DELTA INDUSTRIES  
(FILE NO. 100.315)**

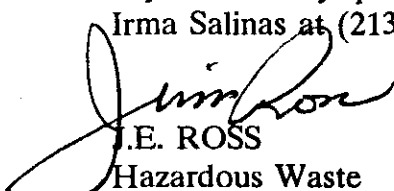
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The Regional Board staff person may observe your process operations, inspect monitoring facilities and methods, collect samples, and may examine appropriate records.

In order to facilitate easy access to the plant site, please provide the name of the responsible facility official that can be contacted upon arrival at the plant. Additionally, we would appreciate receiving a list of the safety equipment you would recommend that our representatives have in their possession in order to safely enter and conduct their inspection. Please provide the information within 14 days of receipt of this letter.

If you have any questions relating to anything concerning this inspection, please call Ms. Irma Salinas at (213) 266-7610.

  
J.E. ROSS  
Hazardous Waste  
Unit Chief

cc: Mr. Jim Parsons, State Water Resources Control Board  
Division of Water Quality  
Ms. Beverly Migues, County of Los Angeles, Department of Health Services

## RESULTS

Sample results are tabulated in Table 1. Low levels of 3 common solvents were detected in the samples. The excavated soil was found to contain tetrachloroethene (PCE) at 0.13 mg/kg. The side wall sample contained PCE at 0.58 mg/kg, 1,1,1 trichloroethane (TCA) at 0.31 mg/kg and trichloroethene (TCE) at 0.069 mg/kg. The bottom sample contained PCE at 2.7 mg/kg and 1,1,1 TCA at 1.1 mg/kg. All of the detected compounds are well below State DHS action levels for soil.

## CONCLUSIONS

Based on the sampling described in this report the following conclusions are drawn:

- o The French drain would have been the most likely site of soil contamination arising from surface spillage of solvents in the yard area.
- o Samples from the bottom and side of the French drain pit, as well as of the excavated soil itself show detectable but low levels of PCE, 1,1,1 TCA and TCE which are well below State action levels.
- o Based on the reported sample results, further investigation of the soils in the area of the French drain does not appear to be warranted.

Copies of the certified analytical results and chain-of-custody documentation are attached and complete this report.





*marked  
after*  
*David F. ...*  
August 21, 1989  
Project C65-01.01

Mr. Robert G. Cormack  
Delta Industries  
8137 Allport Avenue  
Santa Fe Springs, California 90670

Re: Results of Soil Samples  
from Excavation  
8137 Allport Avenue,  
Santa Fe Springs, CA

Dear Mr. Cormack:

This letter presents the results of soil analysis of samples obtained from the French drain excavation in the yard area at the subject facility. The samples were taken to provide an indication of whether significant soil contamination exists in the vicinity of the excavation, to address concerns raised by the Los Angeles County Department of Health Services.

#### BACKGROUND

Delta Industries operates a manufacturing business at 8137 Allport Avenue, Santa Fe Springs. The primary products are vapor degreasers and related equipment. In the past, solvents have been stored at the site in above-ground tanks. This practice has been largely discontinued. However, limited quantities of some solvents may still be stocked.

In the paved concrete yard area of the plant, a low spot in the pavement had been a collection point of rainfall runoff creating a ponding nuisance. To remedy this, a small French drain was installed by sawcutting a roughly square hole in the concrete slab and excavating a shallow (reportedly 2-3 feet) pit which was then backfilled with gravel. This drain would thus allow the runoff to percolate into the soil rather than pond on the concrete.

The concern arose that any solvent accidentally spilled or washed down in the yard area could find its way into the soil by means of the French drain. Delta personnel excavated the gravel and soil beneath it to a depth of approximately 5 feet. Delta then contracted EMCON to sample and analyze the soil both in the pit, as well as that removed and stockpiled adjacent to the pit.

#### SAMPLING PROCEDURES

On August 2, 1989, EMCON samplers visited the site and obtained 3 soil samples for chemical analysis. One sample was of the excavated soil, one was an undisturbed sample at approximately mid-height of the side wall (2 feet deep) and the third sample was taken from the in-place soil in the bottom of the pit.

The sample of excavated soil was selected from a relatively undisturbed "clod" of aggregated clayey soil. This was packed into a brass sample tube, the ends covered with teflon and sealed with plastic caps.

The two undisturbed samples from the side and bottom of the pit were obtained by driving a sampler on a steel rod into the in-place soil a distance sufficient to fill the brass tube contained within the sampler. These samples were sealed in an identical fashion to the first sample.

All three samples were labelled and immediately placed on ice for transportation to the laboratory. Proper chain-of-custody documentation was prepared and accompanied each sample.

#### LABORATORY PROCEDURES

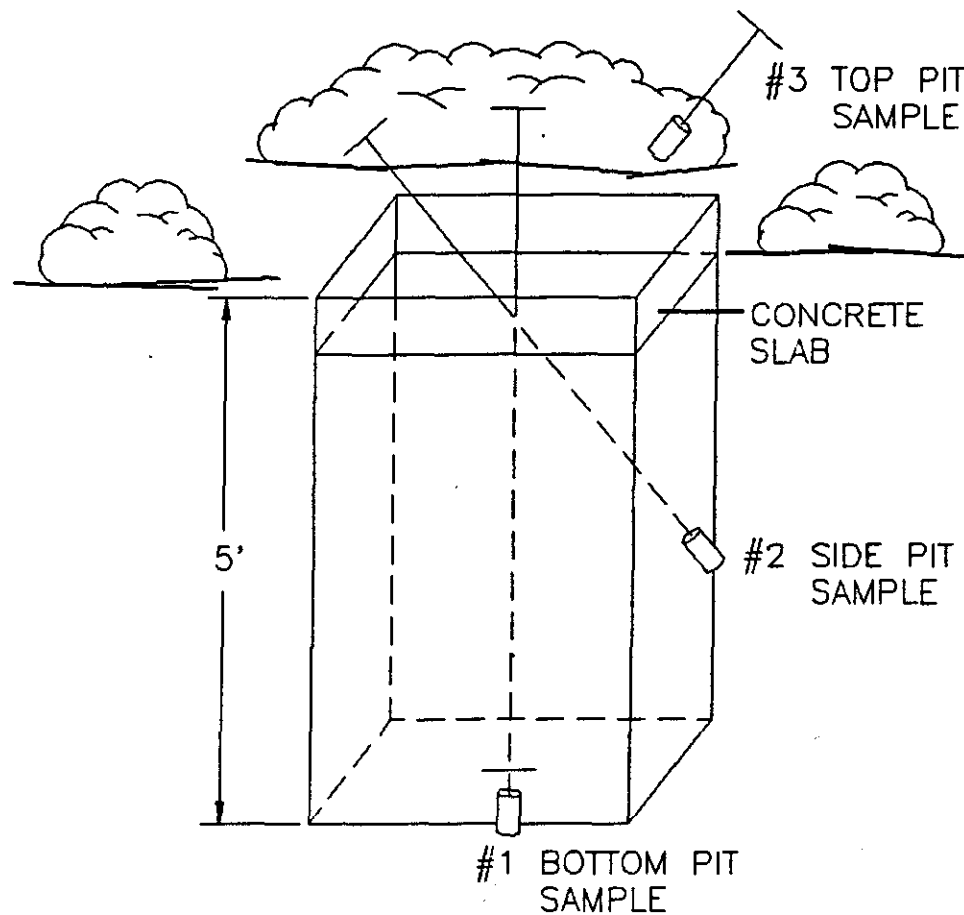
The samples were transported to Del Mar Analytical, a State Department of Health Services-certified chemical laboratory. The contaminants of interest were chlorinated solvents, based on the site history, so the samples were analyzed for volatile halocarbons by EPA-Method 8010.

TABLE 1  
ANALYTICAL RESULTS OF SOIL SAMPLES  
8/2/89

SAMPLE ID	TETRACHLOROETHENE (PCE) (mg/kg)	1,1,1-TRICHLOROETHANE (TCA) (mg/kg)	TRICHLOROETHENE (TCE) (mg/kg)
#3-TOP PIT	0.13	ND	ND
#2-SIDE PIT	0.58	0.31	.069
#1-BOTTOM PIT	2.7	1.1	ND

NOTES:

1. Analyzed by U.S. EPA-Method 8010
2. ND - Non detected; below limits of detection



**EMCON**  
Associates

# DELTA INDUSTRIES

## SOIL SAMPLE LOCATIONS

FIGURE

1

PROJECT NO.  
C65-01.01



# Del Mar Analytical

18102 Sky Park South, Suite F • Irvine, CA 92714  
(714) 261-1022 • FAX (714) 261-1228

EMCON Associates  
27071 Cabot Road, Suite 103  
Laguna Hills, CA 92653

Date Sampled: 08/02/89  
Date Received: 08/02/89  
Date Analyzed: 08/09/89  
Date Reported: 08/11/89

Attention: Mike Wolff

Project: C650101, Delta Industries, PO# 23764

Sample Description  
Soil Sample  
#3-Top Pit

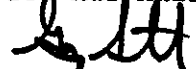
Sample Number  
9080104

Halogenated Volatile Organic Compounds by GC/Hall

	<u>Detection Limit</u> ug/Kg	<u>Sample Results</u> ug/Kg
Tetrachloroethene	10	130
1,1,1-Trichloroethane	10	N.D.
Trichloroethene	10	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	10	N.D.
trans-1,2-Dichloroethene	10	N.D.
Methylene Chloride	10	N.D.
Chloroform	10	N.D.
Bromodichloromethane	10	N.D.
Dibromochloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	10	N.D.
Chloromethane	10	N.D.
Chloroethane	10	N.D.
Vinyl Chloride	10	N.D.
1,2-Dichloropropane	10	N.D.
1,3-Dichloropropenes	10	N.D.
Carbon Tetrachloride	10	N.D.
1,1,2-Trichloroethane	10	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chlorobenzene	10	N.D.

N.D. - None Detected above stated Detection Limit

Del Mar Analytical

  
Gary Steube  
Laboratory Director

This analysis was  
performed using  
EPA method 8010.

COUNTY OF LOS ANGELES  
DEPARTMENT OF HEALTH SERVICES  
ENVIRONMENTAL MANAGEMENT

313 North Figueroa Street  
Los Angeles, California 90012

IS

REFERRAL

Date: December 27, 1989

On June 15, 1989, an inspection was made at 8137 Alport, Santa Fe Springs  
by a representative of this

Bureau. The following conditions were noted which may be of interest to you:

Delta Industries was cited to investigate the soil contamination  
in the area of the French Drain discovered on their property. The  
preliminary assessment showed concentrations of tetrachloroethene  
2700 Mg/Kg at the bottom of the pit.

Attached is a copy of the Assessment Report.

Occupant: Delta Industries

Phone: (213) 945-1067

Owner: Robert Cormace

Phone:

Address: 8137 Aeport  
Santa Fe Springs

Referred to:

\_\_\_\_\_ Air Pollution  
\_\_\_\_\_ Engineer - Building & Safety  
\_\_\_\_\_ Engineer - Industrial Waste  
\_\_\_\_\_ Fire Prevention Bureau  
\_\_\_\_\_ Sheriff's License Detail  
\_\_\_\_\_ Welfare Commission  
\_\_\_\_\_ XXXXXX Other

Regional Water Quality Control Board  
101 Centre Plaza  
Monterey Park, CA. 91745-2156

ENVIRONMENTAL HEALTH SERVICES AREA: Hazrdous Materials Control

AREA OR PROGRAM CHIEF: Erlinda Macalintal PHONE: (213) 744-3223

SANITARIAN: Beverly Miguez



# Del Mar Analytical

18102 Sky Park South, Suite F • Irvine, CA 92714  
(714) 261-1022 • FAX (714) 261-1228

EMCON Associates  
27071 Cabot Road, Suite 103  
Laguna Hills, CA 92653

Date Sampled: 08/02/89  
Date Received: 08/02/89  
Date Analyzed: 08/09/89  
Date Reported: 08/11/89

Attention: Mike Wolff

Project: C650101, Delta Industries, PO# 23764

## Sample Description

Soil Sample  
#1-Bottom Pit

## Sample Number

9080102

Halogenated Volatile Organic Compounds by GC/Hall

	<u>Detection Limit</u> ug/Kg	<u>Sample Results</u> ug/Kg
Tetrachloroethene	100	2700
1,1,1-Trichloroethane	100	1100
Trichloroethene	100	N.D.
1,1-Dichloroethane	100	N.D.
1,2-Dichloroethane	100	N.D.
1,1-Dichloroethene	100	N.D.
trans-1,2-Dichloroethene	100	N.D.
Methylene Chloride	100	N.D.
Chloroform	100	N.D.
Bromodichloromethane	100	N.D.
Dibromochloromethane	100	N.D.
Bromoform	100	N.D.
Bromomethane	100	N.D.
Chloromethane	100	N.D.
Chloroethane	100	N.D.
Vinyl Chloride	100	N.D.
1,2-Dichloropropane	100	N.D.
1,3-Dichloropropenes	100	N.D.
Carbon Tetrachloride	100	N.D.
1,1,2-Trichloroethane	100	N.D.
1,1,2,2-Tetrachloroethane	100	N.D.
2-Chloroethylvinyl ether	100	N.D.
Chlorobenzene	100	N.D.

N.D. - None Detected above stated Detection Limit

Del Mar Analytical

  
Gary Steube  
Laboratory Director

This analysis was  
performed using  
EPA method 8010.



# Del Mar Analytical

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EMCON Associates  
27071 Cabot Road, Suite 103  
Laguna Hills, CA 92653

Date Sampled: 08/02/89  
Date Received: 08/02/89  
Date Analyzed: 08/09/89  
Date Reported: 08/11/89

Attention: Mike Wolff

Project: C650101, Delta Industries, PO# 23764

Sample Description  
Soil Sample  
#2-Side Pit

Sample Number  
9080103

Halogenated Volatile Organic Compounds by GC/Hall

	<u>Detection Limit</u> ug/Kg	<u>Sample Results</u> ug/Kg
Tetrachloroethene	50	580
1,1,1-Trichloroethane	50	310
Trichloroethene	50	69
1,1-Dichloroethane	50	N.D.
1,2-Dichloroethane	50	N.D.
1,1-Dichloroethene	50	N.D.
trans-1,2-Dichloroethene	50	N.D.
Methylene Chloride	50	N.D.
Chloroform	50	N.D.
Bromodichloromethane	50	N.D.
Dibromochloromethane	50	N.D.
Bromoform	50	N.D.
Bromomethane	50	N.D.
Chloromethane	50	N.D.
Chloroethane	50	N.D.
Vinyl Chloride	50	N.D.
1,2-Dichloropropane	50	N.D.
1,3-Dichloropropenes	50	N.D.
Carbon Tetrachloride	50	N.D.
1,1,2-Trichloroethane	50	N.D.
1,1,2,2-Tetrachloroethane	50	N.D.
2-Chloroethylvinyl ether	50	N.D.
Chlorobenzene	50	N.D.

N.D. - None Detected above stated Detection Limit

Del Mar Analytical

  
Gary Steube  
Laboratory Director

This analysis was  
performed using  
EPA method 8010.





# Del Mar Analytical

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EMCON Associates  
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Date Sampled: 08/02/89  
Date Received: 08/02/89  
Date Analyzed: 08/09/89  
Date Reported: 08/11/89

Attention: Mike Wolff

Project: C650101, Delta Industries, PO# 23764

Sample Description  
Soil Sample  
#3-Top Pit


Sample Number  
9080104

## Halogenated Volatile Organic Compounds by GC/Hall

	<u>Detection Limit</u> ug/Kg	<u>Sample Results</u> ug/Kg
Tetrachloroethene	10	130
1,1,1-Trichloroethane	10	N.D.
Trichloroethene	10	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	10	N.D.
trans-1,2-Dichloroethene	10	N.D.
Methylene Chloride	10	N.D.
Chloroform	10	N.D.
Bromodichloromethane	10	N.D.
Dibromochloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	10	N.D.
Chloromethane	10	N.D.
Chloroethane	10	N.D.
Vinyl Chloride	10	N.D.
1,2-Dichloropropane	10	N.D.
1,3-Dichloropropenes	10	N.D.
Carbon Tetrachloride	10	N.D.
1,1,2-Trichloroethane	10	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chlorobenzene	10	N.D.

N.D. - None Detected above stated Detection Limit

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